AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Currently Amended) ~~Method~~ A method for creating and managing a local network, ~~this~~ the local network ~~comprising~~ including at least one restitution device for receiving an encrypted data stream and ~~a~~ at least one diffusion and re-encrypting device for transmitting all or part of ~~said~~ the encrypted data stream to ~~said~~ the restitution device, the at least one restitution device and the at least one diffusion and re-encrypting device including at least one security module ~~said devices comprising security modules~~, the method comprising

~~the following steps, at~~during an initialization stage:

connecting a master security module ~~in~~ to one of the at least one restitution device and the at least one diffusion and re-encrypting device ~~devices~~ connected to the local network,

establishing a network key by the master security module, and

securely transmitting ~~this~~ the network key over the local network to the at least one security module attached to the at least one restitution device and the at least one diffusion and re-encrypting device, wherein

when the master security module is connected to the at least one restitution device, the network key is securely transmitted to the at least one diffusion and re-encrypting device, and

when the master security module is connected to the at least one diffusion and re-encrypting device, the network key is securely transmitted to the at least one restitution device ~~to one or several user security modules attached~~

~~to the devices, said devices being at least the diffusion and re-encrypting device and the restitution device~~,

and while receiving ~~an~~ the encrypted data stream:

decrypting the encrypted data stream by the at least one diffusion and re-encrypting device,

re-encrypting the decrypted data stream by ~~said~~ the at least one diffusion and re-encrypting device ~~with~~ using a local key, ~~said~~ the local key being a session key that is generated by the at least one diffusion and re-encrypting device and that is encrypted by the network key~~linked with the network key~~,

transmitting the re-encrypted data stream to the at least one restitution device, and

decrypting the received encrypted data stream by ~~said~~ the at least one restitution device ~~thanks to~~using the associated ~~user~~ security module, the associated security module including ~~which comprises~~ means to ~~find~~ decrypt the local key ~~with~~ using the network key.

2. (Currently Amended) ~~Method~~ The method for creating and managing a local network according to claim 1, wherein the local key is a randomly generated session key encrypted by the network key.

3. (Currently Amended) ~~Method~~ The method for creating and managing a local network according to claim 1, wherein the local key is the network key.

4. (Currently Amended) ~~Method~~ The method for creating and managing a local network according to claim 1, wherein ~~the establishment of~~ the

network key is established~~obtained~~ by a pseudo-random generation of the network key during the initialization of the local network.

5. (Currently Amended) ~~Method~~ The method for creating and managing a local network according to claim 1, wherein ~~the establishment of~~ the network key is established~~carried out~~ during an initialization step of the master security module.

6. (Currently Amended) ~~Method~~ The method for creating and managing a local network according to claim 1, wherein the master security module is placed in a removable security module.

7. (Currently Amended) ~~Method~~ The method for creating and managing a local network according to claim 6, wherein ~~said~~ the removable security module ~~comprises~~ includes a user module forming part of the network administrated by the master security module.

8. (Currently Amended) ~~Method~~ The method for creating and managing a local network according to claim 1, wherein the associated ~~user~~ security module is in the form of an electronic circuit mounted during the manufacture of the restitution device.

9. (Currently Amended) ~~Method~~ The method for creating and managing a local network according to claim 1, wherein the associated ~~user~~ security module is in the form of a removable security module.

10. (Currently Amended) ~~Method~~ The method for creating and managing a local network according to claim 1, wherein the at least one diffusion and re-encrypting device includes a ~~security module, called~~ converter module, ~~said~~and

wherein the converter module receives and ~~keeps~~ stores an identifier of the master security module that created the local network, and the converter module re-encrypting ~~the~~ data pertaining to the local network~~for said network~~.

11. (Currently Amended) ~~Method~~ The method for creating and managing a local network according to claim 10, wherein ~~said~~ the identifier of the master security module is transmitted to a management center during a connection step to ~~said~~ the management center.